JOINT DECLARATION FOR PATENT APPLICATION

As the below named inventors, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names;

We believe we are the original, first and sole inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled **SYSTEM AND METHOD OF CLOCKING AN IP CORE DURING A DEBUGGING OPERATION**

ш	is attached hereto.
\boxtimes	was filed on July 14, 2004 as Application Serial Number 10/501,461 and was amended on
	July 14, 2004 (if applicable).
\boxtimes	was filed under the Patent Cooperation Treaty (PCT) and accorded International Application No
	PCT/EP02/00503, filed January 18, 2002.

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

We hereby acknowledge the duty to disclose information which is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56(a).

Prior Foreign Application(s)

We hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Country	Application No.	Date of Filing (day month year)	Date of Issue (day month year)	Priority Claimed Under 35 U.S.C. §119

Prior United States Provisional Application(s)

We hereby claim priority benefits under Title 35, United States Code, §119(e)(1) of any U.S. provisional application listed below:

U.S. Provisional Application No.	Date of Filing (day month year)	Priority Claimed Under 35 U.S.C. §119(e)(1)

Prior United States Application(s)

We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112. We acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Date of Filing (Day, Month, Year)	Status X Patented, Pending, Abandoned	

JOINT DECLARATION FOR PATENT APPLICATION

As the below named inventors, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names;

We believe we are the original, first and sole inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled **SYSTEM AND METHOD OF CLOCKING AN IP CORE DURING A DEBUGGING OPERATION**

is attached hereto.

was filed on July 14, 2004 as Application Serial Number 10/501,461 and was amended on July 14, 2004 (if applicable).

was filed under the Patent Cooperation Treaty (PCT) and accorded International Application No. PCT/EP02/00503, filed January 18, 2002.

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

We hereby acknowledge the duty to disclose information which is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56(a).

Prior Foreign Application(s)

We hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Country	Application No.	Date of Filing (day month year)	Date of Issue (day month year)	Priority Claimed Under 35 U.S.C. §119

Prior United States Provisional Application(s)

We hereby claim priority benefits under Title 35, United States Code, §119(e)(1) of any U.S. provisional application listed below:

U.S. Provisional Application No.	Date of Filing (day month year)	Priority Claimed Under 35 U.S.C. §119(e)(1)

Prior United States Application(s)

We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112. We acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Date of Filing (Day, Month, Year)	Status X Patented, Pending, Abandoned
		A

Power of Attorney

And we hereby appoint, both jointly and severally, as our attorneys, all attorneys under PTO Customer Number 22907, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office.

All correspondence and telephone communications should be addressed to:

Christopher L. McKee Banner & Witcoff, Ltd. Customer Number: 22907 (WDC)

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature		Date	•
Full Name of First Inventor	BENSINGER	Greg	
•	Family Name	First Given Name	Second Given Name
Residence Apex	· · ·	Citizenship US	233 333 233 337 337 337 337 337 337 337
Post Office Address 312 Castle H	ayne Drive, Apex NC 27	502, United States of Americ	1
Signature	Rull	Date	05 octobre 2005
Full Name of First Inventor	BRAULT	Jean-Marc	
	Family Name	First Given Name	Second Given Name
	FRX	CitizenshipFR	
Post Office Address 3, Avenue de	la Republique, 78330 Fo	ntenay Le Fleury, France	
Signature		Date	<u> </u>
Full Name of Second Inventor	MULTHAUP	Hans	Erich
Residence <u>Munich</u>	Family Name	First Given Name Citizenship DE	Second Given Name
Post Office Address Rudolf-Came	erer-Str. 9, 81369 Munich	. Germany	

JOINT DECLARATION FOR PATENT APPLICATION

As the below named inventors, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names;

We believe we are the original, first and sole inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled SYSTEM AND METHOD OF CLOCKING AN IP CORE DURING A DEBUGGING OPERATION

is attached hereto.

was filed on <u>July 14, 2004</u> as Application Serial Number <u>10/501,461</u> and was amended on <u>July 14, 2004</u> (if applicable).

was filed under the Patent Cooperation Treaty (PCT) and accorded International Application No. <u>PCT/EP02/00503</u>, filed <u>January 18, 2002</u>.

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

We hereby acknowledge the duty to disclose information which is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56(a).

Prior Foreign Application(s)

We hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

	Country	Application No.	Date of Filing (day month year)	Date of Issue (day month year)	Priority Claimed Under 35 U.S.C. §119
L					

Prior United States Provisional Application(s)

We hereby claim priority benefits under Title 35, United States Code, §119(e)(1) of any U.S. provisional application listed below:

U.S. Provisional Application No.	Date of Filing (day month year)	Priority Claimed Under 35 U.S.C. §119(e)(1)

Prior United States Application(s)

We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112. We acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Date of Filing (Day, Month, Year)	Status X Patented, Pending, Abandoned

Power of Attorney

And we hereby appoint, both jointly and severally, as our attorneys, all attorneys under PTO Customer Number 22907, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office.

All correspondence and telephone communications should be addressed to:

Christopher L. McKee
Banner & Witcoff, Ltd.
Customer Number: 22907 (WDC)

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature		Date	·	
Full Name of First Inventor	BENSINGER	Greg		
***************************************	Family Name	First Given Name	Second Given Name	
Residence Apex	· i	Citizenship US		
Post Office Address 312 Castle Hayn	e Drive, Apex NC 27	502, United States of America	1	····
			•	
Signature		Date		
Full Name of First Inventor	BRAULT	Jean-Marc		
	Family Name	First Given Name	Second Given Name	•
Residence Fontenay Le Fleury		Citizenship FR		
Post Office Address 3, Avenue de la	Republique, 78330 Fe	ontenay Le Fleury, France		
	1 -			4
	0 180		21: 2 0	
Signature Austric	1 188 8	· Date	24 aug 2005.	-8-
Full Name of Second Inventor	MULTHAUP	Hans	Erith	
	Family Name	First Given Name	Second Given Name	
Residence Odelzhause	1 DEX	Citizenship DE		
Post Office Address _ Am Wega	cker 3, 8523	5 odelzhausen,	Germany	• :

Power of Attorney

And we hereby appoint, both jointly and severally, as our attorneys, all attorneys under PTO Customer Number 22907, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office.

All correspondence and telephone communications should be addressed to:

Christopher L. McKee
Banner & Witcoff, Ltd.
Customer Number: 22907 (WDC)

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

\mathcal{M}	P		1 1 1 mm
Signature Legous U.	Densinge	Date	9-7-05
Full Name of First Inventor	BENSINGER	Greg	
	Family Name	First Given Name	Second Given Name
Residence Apres TIGARD		CitizenshipUS	
Post Office Address - 312 Castle H			
12468 :	SW ASPEN RIDGE	DR TIGARD OR 972	24 USA
		,	
Signature		Date	
Full Name of First Inventor	BRAULT	Jean-Marc	
	Family Name	First Given Name	Second Given Name
Residence Fontenay Le Fleury		Citizenship FR	
Post Office Address 3, Avenue de	la Republique, 78330 Fe	ontenay Le Fleury, France	
O' .			
Signature	Date		
Full Name of Second Inventor	MULTHAUP	Hans	Erich
	Family Name	First Given Name	Second Given Name
Residence Munich		CitizenshipDE	
Post Office Address Pudolf Com	man Ctr. 0. 01260 Marris		~